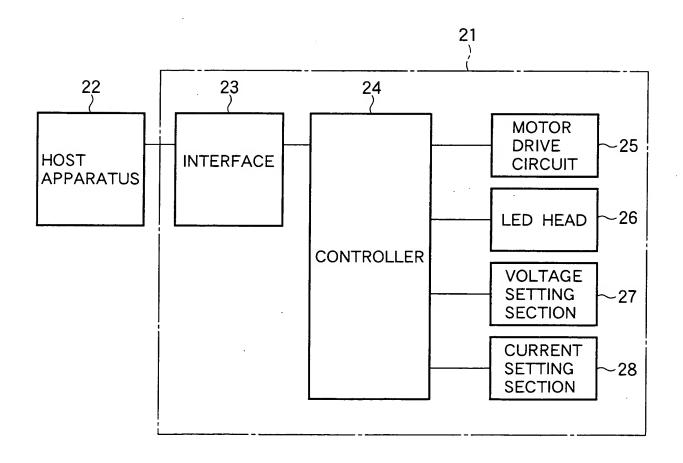
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FIG.1



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FIG.2

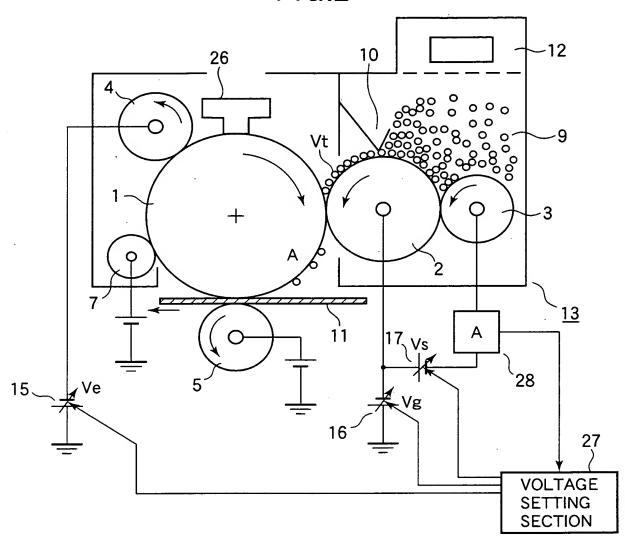


FIG.3

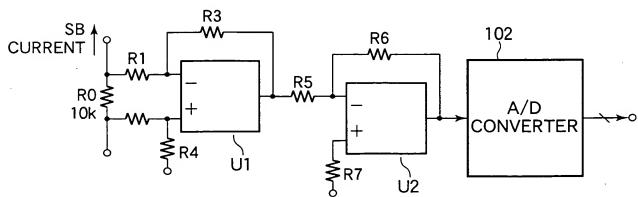


FIG.4

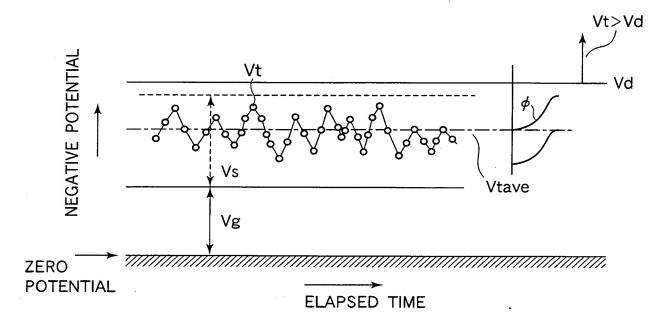


FIG.5

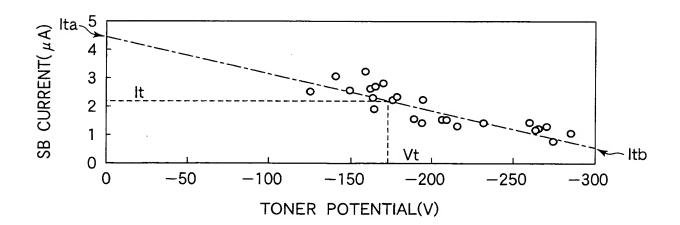
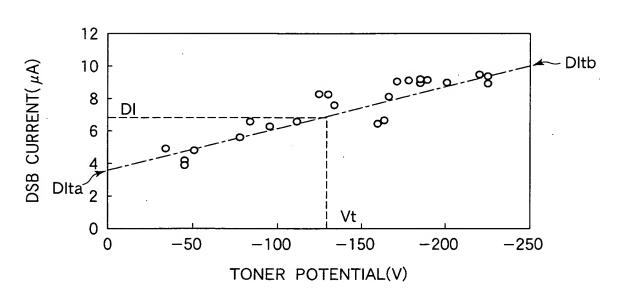


FIG.6

SB CURRENT(μA)	ESTIMATED TONER POTENTIAL(V)
0.5	-350
1.0	-270
1.5	-240
2.0	-200
2.5	-160
3.0	-130
3.5	-70

FIG.7

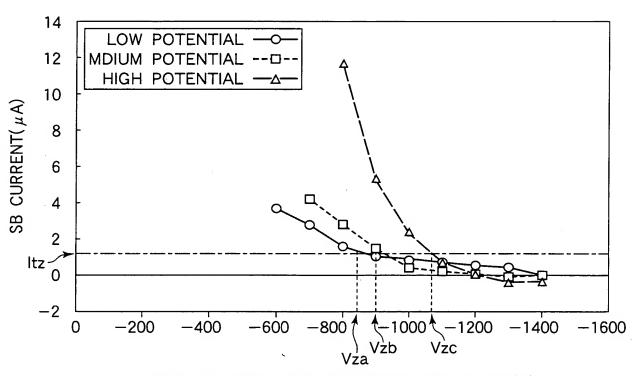


Express Mail No.: EV 312205530 US Customer No.: 570

Atty. Docket No.: 9448-148US (G0303US)

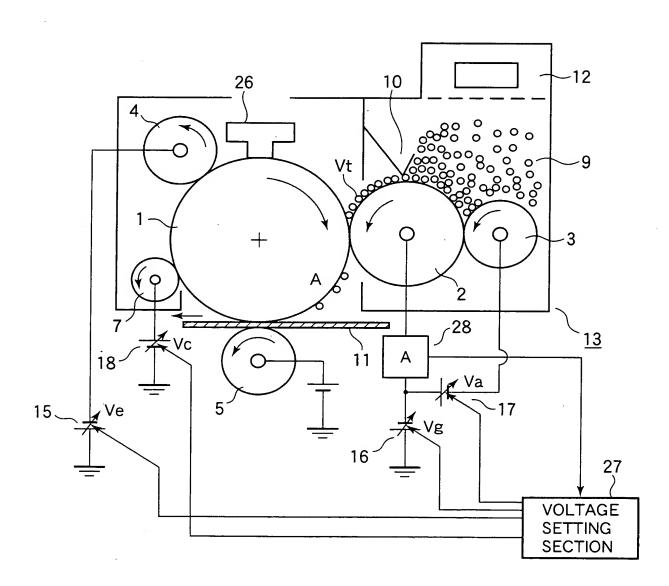
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FIG.8



BIAS VOLTAGE FOR CHARGING ROLLER Ve(V)

FIG.9



Title: Image Forming Apparatus Inventor: Masahiro KAWANO

Express Mail No.: EV 312205530 US Customer No.: 570

Atty. Docket No.: 9448-148US (G0303US)

FIG.10

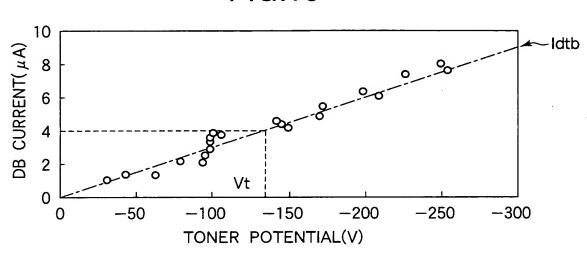


FIG.11

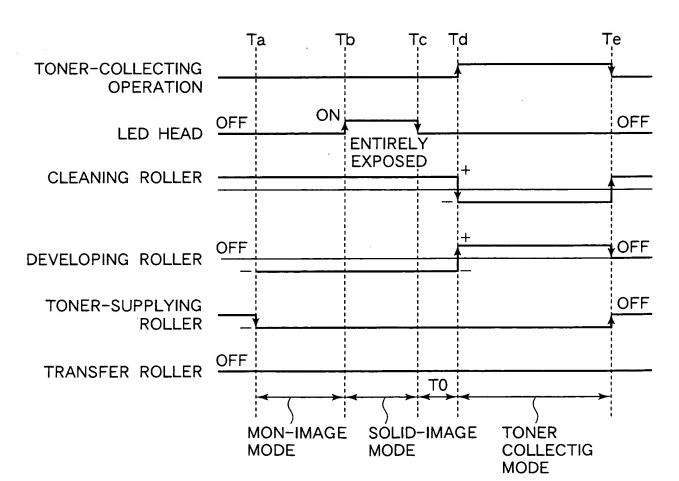


FIG.12

DB CURRENT(μA)	BIAS VOLTAGE FOR TONER-SUPPLYING ROLLER Vs(V)
≤2.0	-450
2.1~8.9	-400
9.0≤	-350

FIG.13 CONVENTIONAL ART

